(19) World Intellectual Property **Organization**

International Bureau



(43) International Publication Date 23 June 2005 (23.06.2005)

PCT

(10) International Publication Number WO 2005/056213 A1

(51) International Patent Classification⁷: 11/00, C22C 5/08, A44C 11/00, 27/00

B21L 3/00,

(21) International Application Number:

PCT/GB2004/050037

(22) International Filing Date: 9 December 2004 (09.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0328603.6 10 December 2003 (10.12.2003) GB

(71) Applicant (for all designated States except US): MID-DLESEX SILVER CO. LIMITED [GB/GB]; Middlesex University, Queensway. Enfield, London Middlesex EN3 NORTH LONDON BUSINESS PARK Declaration under Rule 4.17: 431 (GB). DAKLEIGH ROAD SOUTH

N11 1QS MOUNDON (72) Inventor; and

(75) Inventor/Applicant (for US only): JOHNS, Peter, Gamon [GB/GB]; 39 Richmond Drive, Watford Hertfordshire WD1 3BQ (GB).

(74) Agent: COLE, Paul, Gilbert; Lucas & Co., 135 Westhall Road, Warlingham Surrey CR6 9HJ (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, **7.W**.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

of inventorship (Rule 4.17(iv)) for US only

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SILVER CHAIN MANUFACTURE

(57) Abstract: A method for silver chain manufacture comprises forming lengths of silver wire into successive chain links whose ends abut using an automatic chain forming machine, and closing the links by brazing or welding abutting ends thereof, by means of a laser. The wire comprises at least 92.5 wt% Ag and about 0.5about 3 wt % Gc and speeds of 100-250 links per minute can be achieved. The invention also relates to a silver chain.